Project Title	Funding	Strategic Plan Objective	Institution
Whole Exome Sequencing of Simons Simplex Trios	$5,656,277	Q3.L.B	Yale University
Neonatal biomarkers in extremely preterm babies predict childhood brain disorders	$3,465,570	Q3.S.H	Boston Medical Center
Genetic basis of autism	$3,332,095	Q3.L.B	Cold Spring Harbor Laboratory
Gene-environment interactions in an autism birth cohort	$3,183,066	Q3.L.D	Columbia University Health Sciences
ACE Network: Early Autism Risk Longitudinal Investigation (EARLI) network	$2,864,377	Q3.L.A	Drexel University
ACE Network: A comprehensive approach to identification of autism susceptibility genes	$2,759,732	Q3.L.B	University of California, Los Angeles
Center for Genomic and Phenomic Studies in Autism	$2,032,846	Q3.S.C	University of Southern California
Environment, the perinatal epigenome, and risk for autism and related disorders	$2,014,788	Q3.S.J	Johns Hopkins University
Autism risk, prenatal environmental exposures, and pathophysiologic markers	$1,858,222	Q3.S.C	University of California, Davis
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Maryland	$1,650,000	Q3.L.D	Johns Hopkins University
Illumina, Inc.	$1,471,725	Q3.L.B	Illumina, Inc.
A genome-wide search for autism genes in the Simons Simplex Collection	$1,383,893	Q3.L.B	Yale University
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Georgia	$1,307,234	Q3.L.D	Centers for Disease Control and Prevention (CDC)
Molecular and genetic epidemiology of autism	$1,125,352	Q3.L.B	University of Miami Miller School of Medicine
The CHARGE Study: CHildhood Autism Risks from Genetics and the Environment	$965,562	Q3.S.C	University of California, Davis
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - North Carolina	$900,000	Q3.L.D	University of North Carolina at Chapel Hill
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - California	$900,000	Q3.L.D	Kaiser Foundation Research Institute
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Data Coordinating Center	$900,000	Q3.L.D	Michigan State University
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Pennsylvania	$900,000	Q3.L.D	University of Pennsylvania/Children's Hospital of Philadelphia
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Colorado	$900,000	Q3.L.D	Colorado Department of Health and Environment
Genetic epidemiology of complex traits	$880,653	Q3.L.B	National Institutes of Health
Social determinants of the autism epidemic	$796,950	Q3.L.D	Columbia University
Epigenetic and transcriptional dysregulation in autism spectrum disorder	$764,608	Q3.S.J	University of California, Los Angeles
RNA expression patterns in autism	$705,545	Q3.L.B	Boston Children's Hospital
Next generation gene discovery in familial autism	$699,721	Q3.L.B	University of Washington
Rapid phenotyping for rare variant discovery in autism	$645,169	Q3.S.A	University of California, Los Angeles

Project Title	Funding	Strategic Plan Objective	Institution
Human neurobehavioral phenotypes associates with the extended PWS/AS domain	$628,392	Q3.S.J	Baylor College of Medicine
Genomic hotspots of autism	$616,368	Q3.L.B	University of Washington
Prenatal and neonatal biologic markers for autism	$610,723	Q3.S.C	Kaiser Foundation Research Institute
Isolation of autism susceptibility genes	$591,231	Q3.S.A	deCODE Genetics, ehf.
Finding autism genes by genomic copy number analysis	$577,035	Q3.S.A	Boston Children's Hospital
Simons Simplex Collection Site	$516,490	Q3.L.B	Vanderbilt University
Investigation of DUF1220 domains in human brain function and disease	$471,018	Q3.L.B	University of Colorado Denver
Molecular analysis of bipolar and schizophrenia candidate genes	$408,400	Q3.S.J	Albert Einstein College of Medicine of Yeshiva University
Simons Simplex Collection Site	$402,144	Q3.L.B	University of Michigan
Integrative genetic analysis of autistic brains	$400,000	Q3.L.B	Johns Hopkins University School of Medicine
ACE Center: Targeting genetic pathways for brain overgrowth in autism spectrum disorders	$398,723	Q3.L.B	University of California, San Diego
Defining the underlying biology of gastrointestinal dysfunction in autism	$384,971	Q3.S.I	University of California, Davis
Sex chromosomes, epigenetics, and neurobehavioral disease	$378,841	Q3.S.K	University of Virginia
Finding recessive genes for autism spectrum disorders	$361,824	Q3.L.B	Boston Children's Hospital
Whole-exome sequencing to identify causative genes for autism	$350,000	Q3.L.B	University of California, San Diego
Genomic influences on development and outcomes in Infants at risk of ASD	$337,779	Q3.S.A	University of Alberta
Locus-specific imprinting on the mammalian X chromosome	$327,994	Q3.S.J	University of Connecticut
Evaluation of the immune and physiologic response in children with autism following immune challenge	$327,735	Q3.S.E	University of California, Davis
ACE Center: Rare variant genetics, contactin-related proteins and autism	$326,348	Q3.L.B	Yale University
Cell speciflc genomic imprinfing during cortical development and in mouse models	$312,559	Q3.S.J	Harvard University
Simons Simplex Collection Site	$311,075	Q3.L.B	University of Missouri
Epidemiologic studies of reproductive and developmental outcomes – Denmark	$300,054	Q3.S.H	Aarhus University
In vivo function of neuronal activity-induced MeCP2 phosphorylation	$292,721	Q3.S.J	University of Wisconsin - Madison
Autism Genome Project (AGP) Core Consortium	$278,113	Q3.L.B	Nationwide Children's Hospital
Simons Simplex Collection Site	$277,643	Q3.L.B	University of California, Los Angeles

Project Title	Funding	Strategic Plan Objective	Institution
ACE Center: Imaging autism biomarkers + risk genes	$263,940	Q3.Other	University of California, San Diego
Simons Simplex Collection Site	$260,000	Q3.L.B	Columbia University
Simons Simplex Collection Site	$256,849	Q3.L.B	Emory University
FOXP2-regulated signaling pathways critical for higher cognitive functions	$248,865	Q3.Other	University of Texas Southwestern Medical Center
Studies of postmortem brain searching for epigenetic defects causing autism	$200,000	Q3.S.J	Baylor College of Medicine
Genome-wide analyses of DNA methylation in autism	$200,000	Q3.S.J	Massachusetts General Hospital
A recurrent genetic cause of autism	$200,000	Q3.L.B	Massachusetts General Hospital
Novel animal models of impaired social behavior and anxiety: A role for MeCP2	$198,000	Q3.L.C	University of Pennsylvania
Simons Simplex Collection Site	$186,539	Q3.L.B	University of Washington
Genetic investigation of cognitive development in autistic spectrum disorders	$184,248	Q3.L.B	Brown University
Il-6-mediated Jak2/Stat3 signaling and brain development	$181,913	Q3.L.C	University of South Florida
Maternal cholesterol and autism	$178,584	Q3.S.H	Oregon Health & Science University
Genetic epidemiology of autism spectrum disorders	$178,312	Q3.Other	Yale University
Simons Simplex Collection Site	$165,584	Q3.L.B	Baylor College of Medicine
Simons Foundation Simplex Project Collection Site	$159,775	Q3.L.B	Weill Cornell Medical College
Structural and functional neural correlates of early postnatal deprivation	$150,423	Q3.S.H	Wayne State University
Simons Simplex Collection	$144,848	Q3.L.B	Baylor College of Medicine
Risk factors, comorbid conditions, and epidemiology of autism in children	$143,162	Q3.S.H	Henry M. Jackson Foundation
Center for Genomic and Phenomic Studies in Autism (supplement)	$141,462	Q3.S.C	University of Southern California
Simons Simplex Collection Site	$132,257	Q3.L.B	The Research Institute of the McGill University Health Centre
Simons Simplex Collection Site	$130,000	Q3.L.B	Yale University
UC Davis Center for Children's Environmental Health (CCEH) (supplement)	$130,000	Q3.L.D	University of California, Davis
Simons Simplex Collection Site	$124,993	Q3.L.B	Boston Children's Hospital
The role of contactin-associated protein-like 2 (CNTNAP2) and other novel genes in autism	$116,150	Q3.L.B	Johns Hopkins University School of Medicine
Simons Simplex Collection Site	$114,869	Q3.L.B	University of Illinois at Chicago
Effect of oxytocin receptor inhibitor (atosiban) during the perinatal period and prevalence of autism spectrum disorders	$105,443	Q3.S.H	Hebrew University

Project Title	Funding	Strategic Plan Objective	Institution
Hypocholesterolemic autism spectrum disorder	$92,155	Q3.L.B	National Institutes of Health
Autism spectrum disorder and autoimmune disease of mothers	$91,480	Q3.S.E	The Feinstein Institute for Medical Research
Maternal supplementation of folic acid and function of autism gene synaptic protein Shank3 in animal model	$87,793	Q3.S.J	Baylor College of Medicine
Mitochondria and the etiology of autism	$87,500	Q3.L.B	Children's Hospital of Philadelphia
Epigenetics, hormones and sex differences in autism incidence	$85,000	Q3.S.K	University of Virginia
Identical twins discordant for autism: Epigenetic (DNA methylation) biomarkers of non-shared environmental influences	$77,501	Q3.S.J	King's College London
The frequency of polymorphisms in maternal- and paternal-effect genes in autism spectrum	$75,000	Q3.L.B	The Pennsylvania State University
Genetics and gene-environment interactions in a Korean epidemiological sample of autism	$74,662	Q3.S.C	Yale University
Multi-registry analyses for iCARE - Data Management Core	$72,160	Q3.S.H	Columbia University
Linking autism and congenital cerebellar malformations	$60,000	Q3.L.B	University of Chicago
Rapid characterization of balanced genomic rearrangements contributing to autism	$53,459	Q3.L.B	Massachusetts General Hospital
Multi-registry analyses for iCARE- West Australia	$52,587	Q3.S.H	University of Western Australia
Autism Genome Project (AGP) Core Consortium	$50,985	Q3.L.B	University of Pittsburgh
Population genetics to improve homozygosity mapping and mapping in admixed groups	$48,398	Q3.L.B	Harvard Medical School
Bioinformatics and Computational Approaches to Integrate Genes and Environment in Autism Research	$46,991	Q3.S.G	N/A
Multi-registry analyses for iCARE - Finland	$38,335	Q3.S.H	Turku University
Multi-registry analyses for iCARE - Israel	$38,335	Q3.S.H	The Gertner Institute of Epidemiology and Health Policy Research
Multi-registry analyses for iCARE - Denmark	$37,928	Q3.S.H	Aarhus University
Multi-registry analyses for iCARE- Sweden	$37,400	Q3.S.H	Karolinska Institutet
Multi-registry analyses for iCARE - Norway	$37,115	Q3.S.H	Norwegian Institute of Public Health
Project 1: Effect of multi-level environmental exposure on birth outcomes	$30,931	Q3.S.C	University of California, Berkeley
Further studies on the role of desulfovibrio in regressive autism	$30,000	Q3.S.I	VA Medical Center, Los Angeles
Advanced parental age and autism: The role of aneuploidy and uniparental disomy in ASD pathogenesis	$28,000	Q3.S.A	Albert Einstein College of Medicine of Yeshiva University
Genome-wide expression profiling data analysis to study autism genetic models	$28,000	Q3.S.A	University of California, Los Angeles

Project Title	Funding	Strategic Plan Objective	Institution
The role of intestinal microbiome in children with autism	$25,000	Q3.S.I	Harvard Medical School
A history of behavioral genetics	$19,900	Q3.Other	University of Pittsburgh
Locus-specific imprinting on the mammalian X chromosome (supplement)	$16,875	Q3.S.J	University of Connecticut
Dissecting expression regulation of an autism GWAS hit	$15,000	Q3.L.B	University of California, San Francisco
Next generation approaches to non-human primate bioinformatics	$13,753	Q3.Other	Harvard Medical School
Genome-wide methylation analyses in autism	$8,419	Q3.S.J	Cleveland Clinic
The role of the Rett gene, chromosome 15q11-q13, other genes, and epigenetics	$1,187	Q3.S.J	Baylor College of Medicine
Genomic influences on developmental course and outcome in Infants at risk of ASD: A Baby Siblings Research Consortium (BSRC) Study	$0	Q3.S.A	University of Alberta
Perinatal exposure to airborne pollutants and associations with autism phenotype	$0	Q3.S.C	University of Southern California
Vitamin D status and autism spectrum disorder: Is there an association?	$0	Q3.S.C	University of California, Davis
EPA/NIEHS Center for Children's Environmental Health (CCEH) at UC Davis	$0	Q3.S.C	University of California, Davis
Research project about a potential infectious origin of autism	$0	Q3.S.E	Institut de Recherche Luc Montagnier
Etiology of autism risk involving MET gene and the environment	$0	Q3.S.E	University of California, Davis
Vulnerability phenotypes and susceptibility to environmental toxicants: From organism to mechanism	$0	Q3.S.E	University of Rochester
MeHG stimulates antiapoptotic signaling in stem cells	$0	Q3.S.F	Kennedy Krieger Institute
Immunopathogenesis in autism: Regulatory T cells and autoimmunity in neurodevelopment	$0	Q3.S.F	East Carolina University
Early exposure to acetaminophen and autism	$0	Q3.S.F	University of California, Davis
Assisted reproductive treatments and risk of autism	$0	Q3.S.H	Institute of Psychiatry, King's College London
Very early behavioral indicators of ASD risk among NICU infants: A prospective study	$0	Q3.S.H	Institute for Basic Research in Developmental Disabilities
Early life environmental exposures and autism in an existing Swedish birth cohort	$0	Q3.S.H	Drexel University
Analysis of the small intestinal microbiome of children with autism	$0	Q3.S.I	Massachusetts General Hospital
Discordant monozygotic twins as a model for genetic-environmental interaction in autism	$0	Q3.S.J	Johns Hopkins University
Identification of aberrantly methylated genes in autism: The role of advanced paternal age	$0	Q3.S.J	Research Foundation for Mental Hygiene, Inc.

Project Title	Funding	Strategic Plan Objective	Institution
Discordant monozygotic twins as a model for genetic-environmental interaction in autism	$0	Q3.S.J	Kennedy Krieger Institute
Genome-wide examination of DNA methylation in autism	$0	Q3.S.J	Johns Hopkins University
Paternal age and epigenetic mechanisms in psychiatric disease	$0	Q3.S.J	Research Foundation for Mental Hygiene, Inc/NYSPI
Analysis of developmental interactions between reelin haploinsufficiency, male sex, and mercury exposure	$0	Q3.S.K	Universita Campus Bio-Medico di Roma
A genome-wide search for autism genes in the SSC Baylor	$0	Q3.L.B	Baylor College of Medicine
A genome-wide search for autism genes in the SSC UIC	$0	Q3.L.B	University of Illinois at Chicago
A genome-wide search for autism genes in the SSC Emory	$0	Q3.L.B	Emory University
The transcription factor PLZF: A possible genetic link between immune dysfunction and autism	$0	Q3.L.B	Memorial Sloan-Kettering Cancer Center
Autism Genome Project (AGP): Genome sequencing and analysis supplement	$0	Q3.L.B	The Hospital for Sick Children
A genome-wide search for autism genes in the SSC Vanderbilt	$0	Q3.L.B	Vanderbilt University Medical Center
Potential role of non-coding RNAs in autism	$0	Q3.L.B	Children's Mercy Hospitals And Clinics
Recessive genes for autism and mental retardation	$0	Q3.L.B	Beth Israel Deaconess Medical Center
A genome-wide search for autism genes in the SSC CHB	$0	Q3.L.B	Boston Children's Hospital
Comprehensive genetic variation detection to assess the role of the X chromosome in autism	$0	Q3.L.B	Emory University
Analysis of candidate genes derived from a protein interaction network in SSC samples	$0	Q3.L.B	Baylor College of Medicine
A genome-wide search for autism genes in the SSC UCLA	$0	Q3.L.B	University of California, Los Angeles
The role of the neurexin 1 gene in susceptibility to autism	$0	Q3.L.B	Massachusetts General Hospital/Harvard Medical School
Relevance of NPAS1/3 balance to autism and schizophrenia	$0	Q3.L.B	University of Texas Southwestern Medical Center
A genome-wide search for autism genes in the SSC Brown	$0	Q3.L.B	Brown University
Autism Genome Project (AGP)	$0	Q3.L.B	Autism Speaks (AS)
A genome-wide search for autism genes in the SSC Pittsburgh	$0	Q3.L.B	University of Pittsburgh
Maternal risk factors for autism spectrum disorders in children of the Nurses' Health Study II	$0	Q3.L.C	Harvard University
Maternal risk factors for autism spectrum disorders in children of the Nurses' Health Study II	$0	Q3.L.C	Massachusetts General Hospital

Project Title	Funding	Strategic Plan Objective	Institution
Maternal risk factors for autism spectrum disorders in children of the Nurses' Health Study II	$0	Q3.L.C	Harvard University